



BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: VIDYARANYAAPURA

***Name of Work: Estimate for Repair and
Maintenance of Public Toilet in Ward No. 10,
(Doddabommasandra).***

Job Code: 010-20-000069

P-Code: P-3294

Estimated Cost: Rs. 10.00 Lakhs

BRUHAT BENGALURU MAHANAGARA PALIKE

ne of work: Repairs and Maintenance to Public Toilet in Ward No. 10
ddabommasandra)

t Rs:- 10.00 Lakhs

Job Number:-

Description of work	No	Dimensions			Quantity	Rate	Unit	Amount
		L	B	D				
KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5								
Coloumn footings	2	3.50	3.50	2.50	61.25			
Plinth beams								
Outer L/W	2	3.50	0.30	1.20	2.52			
S/W	1	5.50	0.30	1.20	1.98			
Deduction					65.75			
For footing portion	2	3.00	0.30	1.00	1.80			
				Total	63.95	322.92	Cum	20651.00
Basic rate	299.00							
Area Weightage @ 8%	23.92							
Total	322.92							
KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (Pg.no-12/Item.no-4.3)								
Coloumn footings	2	3.50	3.50	0.15	3.68			
Plinth beams								
Outer L/W	2	3.50	0.30	0.15	0.32			
S/W	1	5.50	0.30	0.15	0.25			
Deduction					4.24			
For footing portion	2	3.50	0.30	0.15	0.32			
Full Hall	1	3.50	5.50	0.15	2.89			
					7.44			
Deduction plinth beam								
	2	3.50	0.30	0.15	0.32			
	1	5.50	0.30	0.15	0.25			
					0.56			
				Total	6.88	5510.16	Cum	37896.00

Basic rate	5102.00							
Area Weightage @ 8%	408.16							
Total	5510.16							
KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerdressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. (Pg.no-23/Item.no-5.6)								
First Course								
Outside L/W	2	3.50	0.75	0.50	2.63			
S/W	1	5.50	0.75	0.50	2.06			
Second Course								
Outside L/W	2	3.50	0.65	0.45	2.05			
S/W	1	5.50	0.65	0.45	1.61			
Third Course								
Outside L/W	2	3.50	0.50	0.30	1.05			
S/W	1	5.50	0.50	0.30	0.83			
Deduction					10.22			
Column portion	2	0.20	0.45	0.30	0.05			
				Total	10.16	4963.68	Cum	50455.00
Basic rate	4596.00							
Area Weightage @ 8%	367.68							
Total	4963.68							
KSRB 2.3: Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. In depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5m. Including cost of all labour complete as per specifications. Specification No.KBS 2.9(P.No7, I.No.2.1)								
Qty vide item no 4	63.95				63.95			
Take 1/5 of earthwork for filling				Total	12.79	217.08	Sqm	2776.00
Basic rate	201.00							
Area Weightage @ 8%	16.08							
Total	217.08							
KSRB-3.2: Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment , creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments,- complete as per specifications(Pg.no-9/Item.no-3.2)								
For excavtion portion	1	3.50	5.50		19.25			
				Total	19.25	114.48	Sqm	2204.00
Basic rate	106.00							
Area Weightage @ 8%	8.48							

Total	114.48							
KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. (Pg.no-15/Item.no-2.8)								
For footings	4x2	3.00		0.65	15.60			
				Total	15.60	278.64	Sqm	4347.00
Basic rate	258.00							
Area Weightage @ 8%	20.64							
Total	278.64							
KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregates @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reaffirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications (Pg.no-13/Item.no-4.10)								
For footings	2	3.00	3.00	0.90	16.20			
For columns below GL	2	0.20	0.60	2.80	0.67			
				Total	16.87	6276.96	Cum	105905.00
Basic rate	5812.00							
Area Weightage @ 8%	464.96							
Total	6276.96							
KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @ 0.47cum, with superplasticiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.(Pg.no-13/Item.no-4.12)								
Ground Floor								
Columns above plinth	2	0.20	0.60	3.65	0.88			
Plinth beams								
Outside L/W	2	3.50	0.20	0.30	0.42			
S/W	1	5.50	0.20	0.30	0.33			
Lintel Beam								
Outside L/W	2	3.50	0.20	0.15	0.21			

L/W	2	5.50	0.20	0.15	0.33			
Roof beams								
L/W	2	3.50	0.20	0.45	0.63			
S/W	1	7.00	0.20	0.45	0.63			
Deduction plinth beam								
Columns	-2	0.20	0.60	0.45	-0.11			
Deduction Lintel								
Beams								
Columns	-2	0.20	0.60	0.15	-0.04			
Deduction Roof Beams								
Columns	-2	0.20	0.60	0.45	-0.11			
Roof slab	1	3.50	5.50	0.15	2.89			
				Total	6.06	6528.60	Cum	39573.00
Basic rate	6045.00							
Area Weightage @ 8%	483.6							
Total	6528.60							

KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications.(Pg.no-16/Item.no-4.32)

Ground floor								
Columns upto plinth	2x2	0.20		2.50	2.00			
	2x2	0.60		2.50	6.00			
Columns above plinth beam	2x2	0.20		3.65	2.92			
	2x2	0.60		3.65	8.76			
				Total	19.68	492.48	Sqm	9692.00
Basic rate	456.00							
Area Weightage @ 8%	36.48							
Total	492.48							

KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications.(Pg.no-16/Item.no-4.34)

Ground floor								
Plinth beams								
Outside L/W	2x2	3.50		0.30	4.20			
S/W	1x2	5.50		0.30	3.30			
Lintel Beam								
Outside L/W	2x2	3.50		0.15	2.10			
S/W	2x2	5.50		0.15	3.30			
Roof beams								
L/W	2x2	3.50		0.45	6.30			
S/W	1x2	5.50		0.45	4.95			
Deduction columns plinth	-2	0.20		0.45	-0.18			
	-2	0.60		0.45	-0.54			

Reduction columns lintel	-2	0.20		0.15	-0.06			
	-2	0.60		0.15	-0.18			
Reduction columns beams	-2	0.20		0.30	-0.12			
	-2	0.60		0.30	-0.36			
				Total	22.71	315.36	Sqm	7162.00
Basic rate	292.00							
Area Weightage @ 8%	23.36							
Total	315.36							
KSRB 4-6.11: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for (excluding landing) except spiral staircase including cost of all materials, labour complete as per specification. Specification No.KBS 4.6.2								
Ground floor								
Roof slab	1	3.50	7.00		24.50			
				Total	24.50	561.60	Sqm	13759.00
Basic rate	520.00							
Area Weightage @ 8%	41.6							
Total	561.60							
KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No.KBS 4.6.3. TMT Bars Fe 500 (P.No.17, I.No.4.46.2)								
Ground floor								
For Footings	16.87				11.23*135			
	1cum =130kg				2277.72			
Columns,roofs beams etc	6.06				5.93*135			
	1cum =130kg				818.30			
				Total	3.10	76643.28	Tonne	237289.00
Basic rate	70966.00							
Area Weightage @ 8%	5677.28							
Total	76643.28							
KSRB 5-14.1 : Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 5.27.1 - do - with solid concrete blocks of size 400x200x200mm								
Ground floor								
L/W	2	5.50		2.70	29.70			
S/W	2	3.50		2.70	18.90			

Deduction					48.60			
	1	0.90		2.10	1.89			
	6	0.60		0.60	2.16			
					4.05			
				Total	44.55	1029.24	Sqm	45853.00
Basic rate	953.00							
Area Weightage @ 8%	76.24							
Total	1029.24							

KSRB 5-11 : Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not less than 1800 kg/m³ and having a minimum average compressive strength 4.00 N/mm² confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4.(P.No.25, I.No.5.28)

Ground floor								
L/W	2	5.50		2.70	29.70			
S/W	4	1.20		2.70	12.96			
Deduction					42.66			
D	6	0.75		2.10	9.45			
					9.45			
				Total	33.21	875.88	Sqm	29088.00
Basic rate	811.00							
Area Weightage @ 8%	64.88							
Total	875.88							

KSRB 15-3.14: Providing 12mm thick cement plaster in single coat with cement mortar 1:4 (with lime rendering) to ceiling including & rounded off corners wherever required smooth rendering Providing & removing scaffolding, including cost of materials, labour curing complete as per specification (P.No.114, I.No.15.22)

Ground floor								
Hall Ceiling	1	3.50	5.50		19.25			
				Total	19.25	220.32	Sqm	4241.00
Basic rate	204.00							
Area Weightage @ 8%	16.32							
Total	220.32							

KSRB 15-3.4, : Providing 15mm thick cement plaster in single coat with cement mortar 1:3 (with lime rendering) to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(P.No.113, I.No.15.14)

Ground floor								
Rooms	2	1.80	2.70		9.72			
	12	1.80	2.70		58.32			
Deductions doors	-3	0.75	2.10		-4.73			
V	-3	0.60	0.60		-1.08			
				Total	62.24	224.64	Sqm	13980.00
Basic rate	208.00							

Area Weightage @ 8%	16.64							
Total	224.64							
SRB 15-3.9: Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(P.No.114, I.No.15.17)								
Ground floor								
Walls	2	3.50	3.05		21.35			
	1	5.50	3.05		16.78			
				Total	38.13	264.60	Sqm	10088.00
Basic rate	245.00							
Area Weightage @ 8%	19.6							
Total	264.60							
SRB 14.14-5: Providing Ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. for Ceramic Tiles of size 30x30cms.(P.No.106, I.No.14.36.2)								
Ground floor								
Rooms	6	1.85	1.20		13.32			
	1	5.50	0.60		3.30			
Skirting	1	15.00	0.10		1.50			
	1	33.00	0.10		3.30			
Deductions doors	-6	0.75	0.10		-0.45			
				Total	20.97	1306.80	Sqm	27404.00
Basic rate	1210.00							
Area Weightage @ 8%	96.8							
Total	1306.80							
Providing and fixing of clay tiles for cladding tiles of size 230x75x10 mm thick on 12mm thick cement mortar 1:3 & jointed with Adhesive/ cement slurry over rough plaster surface excluding cost of rough plasterd surface and the surface is painted with red apex paint and black apex paint into the groves.(Page no-110/Item no-14.68)								
Ground floor								
Rooms	6	1.20	1.20		8.64			
	6	1.80	1.20		12.96			
	2	5.50	1.20		13.20			
Deductions doors	-6	0.75	1.20		-5.40			
				Total	29.40	1620.00	Sqm	47628.00
Basic rate	1500.00							
Area Weightage @ 8%	120							
Total	1620.00							

Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with anti fungal paint for top coat of approved brand and shade to give an even shade after thoroughly rooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specification.(P.No.125, I.No.15.104)							
Ground floor							
Qty is same as External Plastering				38.13			
			Total	38.13	194.40	Sqm	7412.00
Basic rate	180.00						
Area Weightage @ 8%	14.4						
Total	194.40						
Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty, scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per specifications (page no. 126, item no.15.106)							
Ground floor							
Qty is same as internal Plastering							
			Total	40.25	84.24	Sqm	3391.00
Basic rate	78.00						
Area Weightage @ 8%	6.24						
Total	84.24						
CSRB 15-15.1: Providing and applying painting in two coats with plastic emulsion paint with primer of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications (P.No.117, I.No.15.51.2)							
Ground floor							
Quantity same as Internal wall &				40.25			
			Total	40.25	97.20	Sqm	3912.00
Basic rate	90.00						
Area Weightage @ 8%	7.20						
Total	97.20						
CSRB 11-5: Providing and fixing White vitreous china clay, Water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10litre low.level P.V.C flushing cistern (All are approved make) with fitting, C.I/M.S.brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. (P.No.77, I.No.12.5)							
Toilets	2			2.00			
			Total	2.00	5352.48	No	10705.00
Basic rate	4956.00						

Area Weightage @ 8%	396.48							
Total	5352.48							
SRB 11-1 : Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11								
Toilets	4				4.00			
				Total	4.00	3786.48	No	15146.00
Basic rate	3506.00							
Area Weightage @ 8%	280.48							
Total	3786.48							
SRB 11-11.1: Providing and fixing White vitreous china clay flat back wash basin size 630x450 with a pair of 15mm C.P Brass pillar taps with C.I / M.S brackets, 32mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. (P.No.80, I.No.12.23)								
Toilets	2				2.00			
				Total	2.00	4327.56	Unit	8655.00
Basic rate	4007.00							
Area Weightage @ 8%	320.56							
Total	4327.56							
Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.(P.No.88, I.No.12.111)								
	10				10.00			
				Total	10.00	162.00	Each	1620.00
Basic rate	150.00							
Area Weightage @ 8%	12.00							
Total	162.00							
Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of cistern in CC 1:2:4 as per directions Rate inclusive of cost of materials and fixtures and conveyance of materials to work spot).(P.No.88, I.No.12.113.1)								
	8				8.00			
				Total	8.00	270.00	Each	2160.00
Basic rate	250.00							
Area Weightage @ 8%	20.00							
Total	270.00							
SRB -13-6.1-1Providing and fixing in position brass Bib Cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications..(P.No.91, I.No.13.23)								

	10	12.00		10.00			
			Total	10.00	205.20	Each	2052.00
Basic rate	190.00						
Area Weightage @ 8%	15.20						
Total	205.20						
KSRB13-6.2-1: Providing and fixing in position brass Stop Cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. (P.No.91, I.No.13.26)							
	5			5.00			
			Total	5.00	152.28	Each	761.00
Basic rate	141.00						
Area Weightage @ 8%	11.28						
Total	152.28						
KSRB 12-8.1: Constructing Brick masonry inspection chamber 450x450mm and 450mm depth, (Clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5 CI cover with frame (light duty) 450x450mm (P.No.73, I.No.11.50.2)							
	2			2.00			
			Total	2.00	9169.20	No's	18338.00
Basic rate	8490.00						
Area Weightage @ 8%	679.2						
Total	9169.20						
KSRB-7.9: Providing and fixing M.S.grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S.square rods, or combination of M.S.flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 (Consider 21 Kg/ Sqm) (P.No.32, I.No.7.9)							
V	6	0.60	0.60	2.16			
				2.16			
Add 20% extra for wastage				2.36			
At 21 Kg/Sqm			Total	49.56	102.60	Kg	5085.00
Basic rate	95.00						
Area Weightage @ 8%	7.6						
Total	102.60						
Providing and fixing manhole cover of size 600x600mm of 100kg weight including with all lead & lift, loading & unloading, cost of materials and other incidental charges etc., complete as per specification and as per the directions by the Engineer in charge of the work.(P.No.XXXII)							
	2			2.00			
			Total	2.00	5309.54	Each	10619.00
Data rate	5309.54						

Providing and fixing chlorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) 20mm nominal OD pipes (page.no-96/Item.no-13.86)								
20mm pipe	1	25.00			25.00			
				Total	25.00	253.80	Mtr	6345.00
Basic rate	235.00							
Area Weightage @ 8%	18.80							
Total	253.80							
25mm pipe	1	38.00			38.00			
				Total	38.00	316.44	Mtr	12025.00
Basic rate	293.00							
Area Weightage @ 8%	23.44							
Total	316.44							
Providing and fixing to wall, ceiling and floor unplasticised 110mm PVC 6.00 kgf/sq.cm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. (Page.no-88/Item no-12.116)								
	1	45.00			45.00			
				Total	45.00	468.72	Mtr	21092.00
Basic rate	434.00							
Area Weightage @ 8%	34.72							
Total	468.72							
KSRB 9.4-2: Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster grooves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No.KBS 9.33 (P.No.51, I.No.9.11)								
D	1	6.00	0.125	0.075	0.06			
				Total	0.06	94612.32	Cum	5322.00
Basic rate	87604.00							
Area Weightage @ 8%	7008.32							
Total	94612.32							
KSRB 9.5-2: Providing and fixing in position fully panelled Honne wood shutter for doors, styles and rails of 40mm, thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour. HOM of machinery complete as per specifications. (excluding cost of fixtures) Specification No.KBS 9.34.(P.No 51, I.No.9.15)								
D	1	0.90		2.10	1.89			
				Total	1.89	5099.76	Sqm	9639.00

Basic rate	4722.00							
Area Weightage @ 8%	377.76							
Total	5099.76							
Providing and fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S tube of 19gauge thickness, size 19x19mm for styles and 15x15mm for top & bottom rails, covered with heat moulded PVC C channel of 5mm thick sheet & 30x50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., complete as per manufacturers specification & direction of Engineer - in - charge fixed to frames with 3 nos of 75mm Aluminium hinges.(P.No.57, I.No.9.83)								
	6	0.75		2.10	9.45			
				Total	9.45	2999.16	Sqm	28342.00
Basic rate	2777.00							
Area Weightage @ 8%	222.16							
Total	2999.16							
Providing and fixing fixtures for PVC door shutters including with all accessories etc., complete as per specification and as per the directions by the Engineer in charge of the work.								
tower bolt	7				7.00			
				Total	7.00	82.37	Each	577.00
Basic rate	76.27							
Area Weightage @ 8%	6.1016							
Total	82.37							
Al drop	7				7.00			
				Total	7.00	108.00	Each	756.00
Basic rate	100.00							
Area Weightage @ 8%	8.00							
Total	108.00							
Alluminium Handles	12				12.00			
				Total	12.00	18.36	Each	220.00
Basic rate	17.00							
Area Weightage @ 8%	1.36							
Total	18.36							
KSRB 15-17.4: Providing and applying painting two coats (including priming coat) on new wood surface and /or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreing matter, sand papering including cost of materials, labour, complete as per specifications.(P.No.119, I.No.15.58 &15.60.1)								
D	0.5	0.90		2.10	0.95			
For grill	6	0.60		0.60	2.16			
				Total	3.11	54.00	Sqm	168.00
Basic rate	50.00							
Area Weightage @ 8%	4							

Conveying the excavated earth (leadcharges) to a with lead of 10 kms with all lead and lift. Including loading and unloading charges etc., complete as per direction of Engineer in charge (Data rate Approved)	54.00							
Cost of haulage BR=Rs.2.0 T . Km (Pag No:133, It:17.4)								
Loading and unloading BR=Rs.57.00(Pag No:133, It:17.1)								
For 15 kms = 2.50X1.28X10kms= Rs.32.00(pag No:139)								
Qty vide item no 1					63.95			
				Total	63.95	89.00	Cum	5692.00
Loading and unloading	57.00							
Lead of 10 kms	32.00							
Total Rate:	89.00							
TOTAL								890025.00
GST 12%								106803.00
Miscellaneous and rounding off								3172.00
SUB TOTAL								1000000.00

(Rupees Ten Lakhs Only)

Certificate:

1. The work spot has been inspected and found to be necessary
2. The work spot comes under BBMP Limits
3. The provisions made in the estimate are necessary and minimum
4. The estimate is based on PWD SR of 2018-19

Sunitha N K
Assistant Engineer

[Signature]
Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

[Signature]
Executive Engineer

Administrative Approval
Accorded For *AS 10.00 lakhs only*
Head of A/C *P 3294*
GER NO : *261* Dt: *22.03.2020*

[Signature]
[TA]

[Signature]
[OE (YMK)]

TECHNICAL SANCTION	
Accorded For Rs.	<i>10.00 lakhs only</i>
Head of A/c	<i>P 3294</i>
Div. Ref. No.	<i>37/20-21</i>
Date	<i>24-4-2020</i>
<i>[Signature]</i> AE <i>24/04</i>	<i>[Signature]</i> EE(BTP) <i>24/04</i>